



Express Mail No. EV 373446358 US

Deposited on: 11/08/2004

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/022,066
	Filing Date	12/18/2001
	First Named Inventor	William H. Hildebrand
	Group Art Unit	1644
	Examiner Name	F. VanderVegt
Total Number of Pages in This Submission	Attorney Docket Number	6680.034

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): See remarks below:
<b>Remarks</b> 1. Transmittal Form (1 page); 2. Fee Transmittal (1 page); 3. Supplemental Information Disclosure Statement (3 pages); 4. Information Disclosure Statement By Applicant (formerly Form 1449) (1 page); 5. Cited Materials; and 6. Postcard.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 Attn.: Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113
Signature	
Date	11.8.04

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EV 373446358 US in an envelope addressed to the address below on this date: 11/08/2004	
Typed or printed name	Douglas J. Sorocco, Reg. No. 43,145
Signature	Date 11.8.04

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Express Mail No.: EV 373446358 US  
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PTO/SB/17 (10-04)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL**  
**for FY 2005**  
*Patent fees are subject to annual revision.*

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ ) 180

**Complete if Known**

Application Number	10/022,066
Filing Date	12/18/2001
First Named Inventor	William H. Hildebrand
Examiner Name	F.P. Vandervegt
Art Unit	1644
Attorney Docket No.	6680.034

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number:

Deposit Account Name:

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ ) 0</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims		X	
Independent Claims	0	X	\$0
Multiple Dependent			\$0

**Large Entity** **Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid	
1204 88	2204 44	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$ ) 0</b>

*\*\*or number previously paid, if greater. For Reissues, see above*

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b>			<b>(\$ ) 180</b>

**SUBMITTED BY** (Complete if applicable)

Name (Print/Type)	Douglas J. Sorocco	Registration No. (Attorney/Agent)	43,145	Telephone	(405) 607-8600
Signature		Date	11/08/2004		

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Commissioner for Patents  
PO Box 1450, Alexandria, VA 22313-1450



**EXPRESS MAIL NO.: EV 373446358 US**  
**Deposited on: NOVEMBER 8, 2004**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: William H. Hildebrand ) Atty. Dkt. No.: 6680.034  
Serial No.: 10/022,066 )  
Filed: December 18, 2001 )

For: METHOD AND APPARATUS FOR THE PRODUCTION OF SOLUBLE MHC  
ANTIGENS AND USES THEREOF

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P.O. Box 1450, Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This  
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure  
Statement:

1. ☒ Preliminary Statements
2. ☒ Form PTO/SB/08A And 08B (formerly Form PTO-1449)
3. ☒ Copies Of Listed Information Items Accompanying This  
Statement
4. ☒ Identification Of Person(s) Making This Information  
Disclosure Statement

11/10/2004 CNGUYEN 00000061 10022066

01 FC:1806

180.00 OP

## **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

## **Section 2. FORM PTO/SB/08A And 08B (formerly Form PTO-1449)**

☒ [X] A completed FORM PTO/SB/08A And 08B (formerly Form PTO-1449) is attached hereto.

## **Section 3. Copies Of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Form PTO/SB/08A And 08B (formerly Form PTO-1449) accompany this information disclosure statement.

## **Section 4. Identification Of Person(s) Making This Supplemental Information Disclosure Statement**

The person making this statement is the attorney/agent who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the attorney/agent's file

Respectfully submitted,



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Douglas J. Sorocco, Reg. No. 43,145  
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Attorney for Applicants

Express Mail: EV 373446358 US  
Date Deposited: 11/08/2004

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/022,066
Filing Date	12/18/2001
First Named Inventor	William H. Hildebrand
Group Art Unit	1644
Examiner Name	F.P. Vandervegt
Attorney Docket Number	6680.034

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	"MOLECULAR CLONING A LABORATORY MANUAL", Maniatis et al., Selected Text "Synthesis and Cloning of DNA" Volume 1, pp.211-246, Cold Harbor Spring Laboratory (1982).	
	AB	"A SOLUBLE DIVALENT CLASS I MAJOR HISTOCOMPATIBILITY COMPLEX MOLECULE INHIBITS ALOREACTIVE T CELLS AT NONMOLAR CONCENTRATIONS", Dal Porto et al., Proc. Natl. Acad. Sci. USA, 90:6671-6675 (1993).	
	AC	"TARGETED AMPLIFICATION OF ALTERNATIVELY SPLICED TRANSCRIPTS OF MAJOR HISTOCOMPATIBILITY COMPLEX CLASS I HEAVY CHAIN", Yang et al., Journal of Immunological Methods, 175:265-279 (1994).	
	AD	"PREDICTION OF WELL-CONSERVED HIV-1 LIGANDS USING A MATRIX-BASED ALGORITHM, EPIMATRIX", Schafer et al., Vaccine, 16(19):1880-1884 (1998).	
	AE	"UNISYN STRIVES FOR FLEXIBILITY AND SCALE", Prompt, Membrane and Separation Technology News, ISSN 0737-8483, March 1, 1998.	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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